

From: Anne Cortez

To: Behnam Ghaffari

Date: July 29, 2026

Subject: Request for Info - File # 0676-EX-CN-2026

Message:

Mantacus, Inc. File Number: 0676-EX-CN-2026 Reply to Correspondence Mantacus, Inc. is submitting this reply to correspondence from the FCC that we received on July 28, 2026. The FCC requested answers to two questions: 1. What is the relationship between the operations proposed under this application and the operations authorized under 1268-EX-CN-2025, granted as WQ2XDB on March 5, 2026? The applications are for the same technology, but they request different locations. More details are provided below. The current application: 0676-EX-CN-2026 requests authority to demonstrate the Mantacus technology at several military installation-adjacent locations. There are potential customers for this stand-off threat detection technology who have asked for demonstrations near their installations. The demonstration equipment has been in great demand, and it was not possible to complete all of the proposed demonstrations during the STA that preceded the pending application. Therefore, Mantacus is seeking to extend the STA to allow those demonstrations to be scheduled in the future. The licensed operations under WQ2XDB, which was the subject of 1268-EX-CN-2025, are for operations on a market trial license. There are different customers seeking to test the equipment. These are locations where Mantacus is working on its business model, testing pricing levels, and otherwise refining its product to fit the market needs. There are distinct locations on the market trial license. Generally, those are very different from the demonstrations. The possible overlapping site is near the Pentagon, which was requested by numerous customers over time, and so it has been the subject of a number of applications. 2. If these 2 applications are not related to each other, NASA is requesting Antenna directivity characteristics and specific intended operational frequencies and bandwidths since the 4G00F0N emission designator seems to be a placeholder. This request would be for application No: 0676-EX-CN-2026. The pending application is for the same technology that was authorized when the FCC granted 1268-EX-CN-2025. The emission designator is correct. The Mantacus system sweeps up from 82 GHz to 86 GHz as it screens people for threats. The emission is not a placeholder. The directivity characteristics: The antenna is mounted at about 15 feet above the ground, and it is downtilted to allow the detector to screen people walking in the area. The mount is either on the side of a building, or on a tripod, or on a variety of light pole. The beam dissipates beyond about 60 meters so that it is undetectable. The details are in the exhibit to the application. We would be glad to provide additional information. Please feel free to contact me at 520-360-0925 or at anne@washingtonfederalstrategies.com.